

# Kit Guide

Electric Gate Systems, Traffic Barriers & Rising Bollards



# KIT GUIDE



## VIRGO 24v Kit

Electromechanical operator for swing gates, suitable for lightweight residential use

- Locking motors
- 2000 mm max gate leaf width
- 200 kgs max leaf weight
- Operation time to 90° approx 15 seconds
- Max 60 operations per 24 hrs

VIRGO Kit 24v contains:

- |  |                            |
|--|----------------------------|
| - 2 x Virgo 24v motors,  | - 2 x Mitto 2 transmitters |
| - One master motor c/w built in control panel and built in receiver, | - 1 x Pair C130 photocells |
| - One slave motor  | - 1 x Antenna              |



## Igea Kit 240v / Igea BT Kit 24v

Mechanical gate post mounted motor allowing installation on larger pillars

- Locking motors
- 2500 mm max gate leaf width without lock
- 250 kgs max leaf weight
- Operation time to 90° approx 15 seconds
- Max 100 operations per 24 hrs

Igea Kit 240v contains:

- 2 x Igea 240v motors
- 1 x Control panel with built in receiver
- 2 x Mitto 2 transmitters
- 1 x Pair C130 photocells
- 1 x Antenna

Igea BT Kit 24v contains:

- 2 x Igea 24v motors
- 1 x Control panel with built in receiver
- 2 x Mitto 2 transmitters
- 1 x Pair C130 photocells
- 1 x Antenna



## Phobos Kit 240v / Phobos BT Kit 24v

Either 240v or 24v low voltage electro-mechanical gate mounted motors suitable for residential use

- 1.8m standard stroke ram
- 3m long stroke ram
- Both locking motors
- Operation time to 90° approx 15 seconds
- Max 60 operations per 24 hrs

Phobos Kit 240v contains:

- 2 x Phobos 240v motors
- 1 x Control panel with built in receiver
- 2 x Mitto 2 transmitters
- 1 x Pair C130 photocells
- 1 x Antenna

Phobos BT Kit 24v contains:

- 2 x Phobos 24v motors
- 1 x Control panel with built in receiver
- 2 x Mitto 2 transmitters
- 1 x Pair C130 photocells
- 1 x Antenna



## ORO Kit

Electro-hydraulic gate mounted motors suitable for residential use

- Locking in closed position
- 1800 mm max gate leaf width
- 180 kgs max leaf weight
- Operation time to 90° approx 15 seconds
- Max 100 operations per 24 hrs

Kit contains:

- |  |                            |
|--|----------------------------|
| - 2 x ORO motors                           | - 2 x Mitto 2 transmitters |
| - 1 x Control panel with built in receiver | - 1 x Pair C130 photocells |
|  | - 1 x Antenna              |

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## LUX 2B Kit

Heavy duty hydraulic motors with locking in open & closed positions

- 2000 mm max gate leaf width
- 300 kgs max leaf weight
- Operation time to 90° approx 15 seconds
- Max 500 operations per 24 hrs

Kit contains:

- |  |                            |
|--|----------------------------|
| - 2 x Lux 2B rams                          | - 2 x Mitto 2 transmitters |
| - 1 x Control panel with built in receiver | - 1 x Pair C130 photocells |
|  | - 1 x Antenna              |



## LUX FC2B Kit

Very popular hydraulic motors with locking in open & closed positions

- Desired by many installers on fully boarded gates
- Closed stop not necessary (but always recommended)
- Locking up to 2m per gate leaf
- Operation time to 90° approx 15 seconds
- Max 500 operations per 24 hrs

Kit contains:

- |  |                            |
|--|----------------------------|
| - 2 x Lux FC2B rams                        | - 2 x Mitto 2 transmitters |
| - 1 x Control panel with built in receiver | - 1 x Pair C130 photocells |
|  | - 1 x Antenna              |



## LUX BT 2B Kit

Heavy duty hydraulic ram with all the benefits of 24v

- Selectable locking or non-locking in either direction - your choice!
- Excellent safety feature - stops and reverses on detecting an obstacle
- New panel with LCD display in a large enclosure
- Slowdown in both directions
- Locking up to 2m per gate leaf
- Low cost battery back-up available

Kit contains:

- |  |                            |
|--|----------------------------|
| - 2 x Lux BT 2B rams                       | - 2 x Mitto 2 transmitters |
| - 1 x Control panel with built in receiver | - 1 x Pair C130 photocells |
|  | - 1 x Antenna              |



## LUX G BT 2B Kit

A new long stroke version of the LUX BT 24v Hydraulic Ram

- Selectable locking or non-locking in either direction - you choose!
- Excellent safety feature - stops and reverses on detecting an obstacle
- New panel with LCD display in a large enclosure
- Slowdown in both directions
- Locking up to 3m per gate leaf
- Suitable for 5m gate leaves - lock required
- Low cost battery back-up available

Kit contains:

- |  |                            |
|--|----------------------------|
| - 2 x Lux BT 2B GV rams                    | - 2 x Mitto 2 transmitters |
| - 1 x Control panel with built in receiver | - 1 x Pair C130 photocells |
|  | - 1 x Antenna              |

Kit contains:



C130 photocells



Each kit contains an advanced L.C.D. screened multi function control panel housed in an externally IP rated enclosure.



Antenna



Mitto 2 transmitters

# KIT GUIDE



## LUX GV Kit

Heavy duty reversible hydraulic motor for large, wind affected gates

- 3500 mm max gate leaf width
- 300 kgs max leaf weight
- Operation time to 90° approx 28 seconds
- Max 500 operations per 24 hrs
- Electric lock required

Kit contains:

- |  |                            |
|--|----------------------------|
| - 2 x Lux GV rams                          | - 2 x Mitto 2 transmitters |
| - 1 x Control panel with built in receiver | - 1 x Pair C130 photocells |
|  | - 1 x Antenna              |



## P4.5 Kit / P7 Kit

Heavy duty hydraulic motors for commercial and industrial use.

- P4.5 - 4500 mm max gate leaf width
- P7 - 7000 mm max gate leaf width
- 500 kgs max leaf weight
- P4.5 Operation time to 90° approx 30 sec
- P7 Operation time to 90° approx 42 sec
- Max 500 operations per 24 hrs
- Electric lock required
- Slow down on closing phase

P4.5 Kit contains:

- 2 x P4.5 motors
- 1 x Control panel with built in receiver
- 2 x Mitto 2 transmitters
- 1 x Pair C130 photocells
- 1 x Antenna

P7 Kit contains:

- 2 x P7 motors
- 1 x Control panel with built in receiver
- 2 x Mitto 2 transmitters
- 1 x Pair C130 photocells
- 1 x Antenna



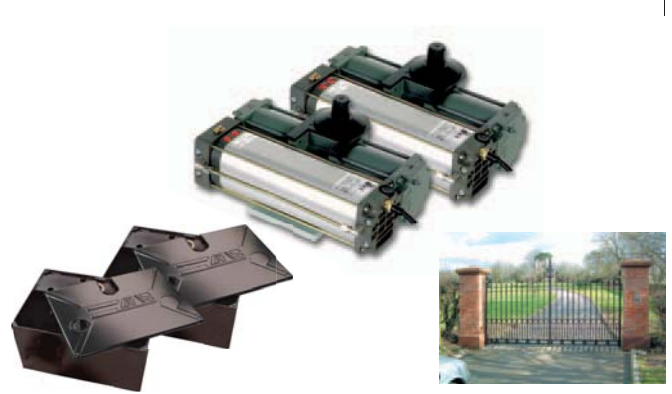
## ELI 250v Fast/ELI 250/ELI 250 BT 24v

Mechanical underground motors suitable for domestic applications

- Locking motors
- ELI 250v Fast 2m max gate leaf
- ELI 250 Standard 3.5m max gate leaf width
- Operation time to 90° approx 12 seconds for ELI 250v & ELI 250 BT
- Operation time to 90° approx 20 seconds for ELI 250 Standard
- 24v version available with all the benefits of 24v systems
- 180° opening available on ELI 250 only - conversion kit required

Kit contains:

- |  |                               |
|--|-------------------------------|
| - 2 x ELI 250 motors                       | - 2 x Mitto 2 transmitters    |
| - 2 x Foundation boxes                     | - 1 x Pair C130 photocells    |
| - 1 x Control panel with built-in receiver | - 1 x Antenna                 |
|  | - 2 x Manual release locks    |
|  | - 2 x Internal stops included |



## SUB 230v Kit/SUB BT 24v Kit **NEW**

Heavy duty hydraulic underground motors suitable for domestic, multi user & commercial applications

- A variety of locking and non-locking motors available
- Can automate gate leaves up to 3.5m per leaf
- Fast operation on some motors (SUB R and SUB BT)
- 180° versions available on 230v
- 800kg per leaf
- Intensive Use

Kit contains:

- |  |  |
|--|--|
| - 2 x SUB motors                           | - 2 x Mitto 2 transmitters               |
| - 2 x Heavy duty foundation boxes          | - 1 x Pair C130 photocells               |
| - 1 x Control panel with built in receiver | - 1 x Antenna                            |
|  | - 2 x Manual release locks (SUB BT only) |



# KIT GUIDE



## Deimos BT Sliding Gate Kit 24v

A 500kg 24v sliding gate motor suitable for residential use

- 24v motor
- Quick opening/closing time
- Excellent safety feature - stops and reverses on detecting an obstacle
- Slowdown in both directions
- Low cost battery back up available

Kit contains:

- |   |   |
|---|---|
| - 1 x Deimos BT sliding gate motor                  | - 1 x Pair C130 photocells                        |
| - 1 x Internal control panel with built in receiver | - 1 x Antenna                                     |
| - 2 x Mitto 2 transmitters                          | - 4 m toothed rack of your choice (zinc or nylon) |



## Ares 1000kg & 1500kg 24v Sliding Gate Kits

24v sliding gate motor suitable for residential and light commercial usage

- First BFT Slider to have adjustable running speed
- 1000kg or 1500kg motors available - both spring versions and proxy versions available
- Excellent safety feature - stops and reverses on detecting an obstacle
- Slowdown in both directions
- Pedestrian opening command (part opening)

Kit contains:

- |   |   |
|---|---|
| - 1 x Ares sliding gate motor                       | - 1 x Pair C130 photocells                        |
| - 1 x Internal control panel with built in receiver | - 1 x Antenna                                     |
| - 2 x Mitto 2 transmitters                          | - 4 m toothed rack of your choice (zinc or nylon) |



## Icaro 240v Sliding Gate Kit

Mechanical sliding gate motor suitable for domestic, multi user and industrial applications

- The most popular sliding gate motor we sell
- 2000kg maximum gate weight
- 100% duty cycle
- Built in fan for cooling the motor
- Oil bathed motor

Kit contains:

- |   |   |
|---|---|
| - 1 x ICARO motor                                   | - 1 x Pair C130 photocells                        |
| - 1 x Internal control panel with built in receiver | - 1 x Antenna                                     |
| - 2 x Mitto 2 transmitters                          | - 4 m toothed rack of your choice (zinc or nylon) |



## SP4000/SP3500 **NEW**

Very heavy duty sliding gate motor suitable for multi user and industrial applications

- New SP3500 3.5 tonne - lower cost alternative to the SP4000
- SP4000 4 tonne standard motor still available
- SP4000 Fast available - 20 m/min (1 tonne max)
- The SP range of motors are all intensive use
- The SP range of motors are all 3 phase power

Not available in kit format.

# KIT GUIDE



## MOOVI Traffic Barrier

An electro mechanical barrier for moderate to heavy traffic

- 3m and 5m versions available
- Rapid 3m version available at 1.5 seconds
- Slowdown on the rapid barrier
- Stops and reverses on detecting an obstacle (rapid barrier only)
- Boom lighting kit available

Complete with:

- Prewired control panel
- Aluminium boom
- Fixed rest or swinging leg



## BGV Traffic Barrier

BFT's long standing, very reliable electro mechanical barrier

- Suitable for heavy traffic
- 3m, 4.5m and 6m versions available
- Two piece boom supplied to reduce transport costs (1pc booms also available)
- Round boom available at extra cost
- Left and Right handed barrier (ask for barrier handing document)

Complete with:

- Prewired control panel
- Aluminium boom
- Fixed rest or swinging leg



## Michelangelo

A very popular intensive use 24v Barrier

- Available in Red or Blue
- 3 Versions available - 4m, 6m or 8m
- Rapid movement - 1m per second
- Excellent safety feature - stops and reverses on detecting an obstacle
- Fan cooled control panel mounted under hinged lid

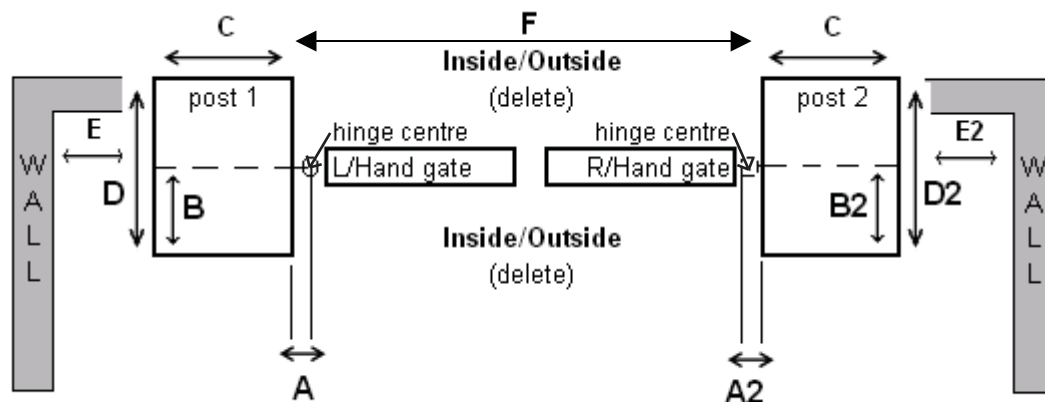


## Stoppy

A very popular range of electro mechanical automatic bollards

- 500mm or 700mm height option (both 210mm wide)
- Standard appearance or stainless steel version available
- Flush flashing lights (8 around bollard and 4 on top)
- Fully assembled, pre wired, ready for installation
- No hydraulic plumbing

## SURVEY FORM



Post 1:	A	B	C	D	E	F
Post 2:	A2	B2	C2	D2	E2	

(A = distance from hinge centre to inside of post, B = distance from hinge centre to rear of post, C = Width of post, D = Depth of post, E = distance between outer side of post and wall/boundary fence if applicable, F = distance between posts)

TICK WHERE APPROPRIATE:



NEW INSTALLATION	
EXISTING GATES	

SINGLE GATE	
PAIR OF GATES	

Preference:

UNDERGROUND	
ABOVE GROUND	

Application Type:

DOMESTIC	
COMMERCIAL	

Is the driveway:

LEVEL	
INCLINED	

Are there gate stops in the open & closed position?:

OPEN	
CLOSED	

Gate Construction/Style	select
FULLY BOARDED WOODEN	
WOODEN/SEMI BOARDED	
5 BAR FARM GATE STYLE	
WROUGHT IRON	
PALISADE	
OTHER:	

Post Construction: \_\_\_\_\_

Gate Height: \_\_\_\_\_

Approx Gate Weight: \_\_\_\_\_

Estimated number of operations per day: \_\_\_\_\_

Location of nearest mains power to gate: \_\_\_\_\_

Your ref: (i.e. Smith Farm): \_\_\_\_\_

Your Company: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

PLEASE FAX TO THE NUMBER OVERLEAF

# Your One Stop Shop

BFT also provide a wide range of accessories to complement all of the products on offer, essentially offering our customers the convenience of a one stop shop.

## Garage Door Operators



## Gate Hardware



## Intercoms



## Loop Detectors



## Locks



## ASO Safety Edges



### BFT UK North

Unit 8E, Newby Road Industrial Estate  
Hazel Grove, Stockport, Cheshire, SK7 5DA  
T 0161 456 0456  
F 0161 456 9090  
[www.bft.co.uk](http://www.bft.co.uk)

### BFT UK South

Unit B Aerial Business Park  
Membury, Berkshire, RG17 7RZ  
T 0800 32 88 198  
F 0800 32 88 298  
[www.bft.co.uk](http://www.bft.co.uk)

